<213> Artificial Sequence

<223> Description of Artificial Sequence:Fc IL-1
 ANTAGONIST

<400> 1060

Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 1 5 10 15

Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu 20 25 30

Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser 35 40 45

His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu 50 55 60

Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr 65 70 75 80

Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn 85 90 95

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro 100 105 110

Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln
115 120 125

Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val 130 135 140

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val 145 150 155 160

Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro 165 170 175

Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr 180 185 190

Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val

Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu 210 215 220

Ser Pro Gly Lys Gly Gly Gly Gly Phe Glu Trp Thr Pro Gly Tyr

225 230 235 240

Trp Gln Pro Tyr Ala Leu Pro Leu 245

<210> 1061

<211> 757

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: IL-1 ANTAGONIST

<220>

<221> CDS

<222> (4)..(747)

<400> 1061

cat atg ttc gaa tgg acc ccg ggt tac tgg cag ccg tac gct ctg ccg

Met Phe Glu Trp Thr Pro Gly Tyr Trp Gln Pro Tyr Ala Leu Pro

1 5 10 15

ctg ggt gga ggc ggt ggg gac aaa act cac aca tgt cca cct tgc cca 96 Leu Gly Gly Gly Gly Asp Lys Thr His Thr Cys Pro Pro Cys Pro 20 25 30

gca cct gaa ctc ctg ggg gga ccg tca gtt ttc ctc ttc ccc cca aaa 144
Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys
35 40 45

ccc aag gac acc ctc atg atc tcc cgg acc cct gag gtc aca tgc gtg 192
Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
50 55 60

gtg gtg gac gtg agc cac gaa gac cct gag gtc aag ttc aac tgg tac 240
Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
65 70 75

gtg gac ggc gtg gag gtg cat aat gcc aag aca aag ccg cgg gag gag 288
Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
80 85 90 95

cag tac aac agc acg tac cgt gtg gtc agc gtc ctc acc gtc ctg cac 336 Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His 100 105 110

		£gg								_	_	-				384
Gln	Asp	Trp		Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	
			115					120					125			
gcc	ctc	cca	gcc	CCC	atc	gag	aaa	acc	atc	tcc	aaa	gcc	aaa	ggg	cag	432
Ala	Leu	Pro	Ala	Pro	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	
		130					135					140				
ccc	cga	gaa	cca	cag	gtg	tac	acc	ctg	CCC	cca	tcc	cgg	gat	gag	ctg	480
Pro	Arg	Glu	Pro	Gln	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Asp	Glu	Leu	
	145					150					155	-	-			
acc	aaσ	aac	cag	atc	agc	cta	acc	tac	cta	atc	aaa	ggc	ttc	tat	CCC	528
_	_	Asn	_	-	_	_		_	_	_						
160	-,-	*****	<b>41</b>		165		****	0,5		170	2,5	0-3		-1-	175	
-00					103					170					1.75	
200		atc	aca	ata	<b>a</b> aa	+ ~~	~a~	200	22+	aaa	cac	~~~	~a~		226	576
	_		-					-			_	_				370
SET	wab	Ile	ALG		GIH	TID	GIU	ser		GTÅ	GIII	PIO	GIU		ABD	
				180					185					190		
																c 0 4
	_	acc	_				_	_		-						624
Tyr	Lys	Thr		Pro	Pro	Val	Leu		Ser	Asp	Gly	Ser		Phe	Leu	
			195					200					205			
													•			•
		aag														672
Tyr	Ser	Lys	Leu	Thr	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Va1	
		210					215					220				
ttc	tca	tgc	tcc	gtg	atg	cat	gag	gct	ctg	cac	aac	cac	tac	acg	cag	720
Phe	Ser	Cys	Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	
	225					230					235					
aag	agc	ctc	tcc	ctg	tct	ccg	ggt	aaa	taat	ggat	CC					757
Lys	Ser	Leu	Ser	Leu	Ser	Pro	Gly	Lys								
240					245											
							•									
					•											
<210	> 10	62														
<211	> 24	8														
-010																

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial Sequence: IL-1 ANTAGONIST Fc

<400> 1062

Met Phe Glu Trp Thr Pro Gly Tyr Trp Gln Pro Tyr Ala Leu Pro Leu 1 5 10 15

Gly	Gly	Gly	Gly 20	Gly	Asp	Lys	Thr	His 25	Thr	Суз	Pro	Pro	30	Pro	Ala
Pro	Glu	Leu 35	Leu	Gly	Gly	Pro	Ser 40	Val	Phe	Leu	Phe	Pro 45	Pro	Lys	Pro
Lys	Asp 50	Thr	Leu	Met	Ile	Ser 55	Arg	Thr	Pro	Glu	Val 60	Thr	Cys	Val	Val
Val 65	Asp	Val	Ser	His	Glu 70	Asp	Pro	Glu	Väl	Lys 75	Phe	Asn	Trp	Tyr	Val 80
Asp	Gly	Val	.Glu	Va1 85	His	Asn	Ala	Lys	Thr 90	Lys	Pro	Arg	Glu	Glu 95	Gln
Tyr	Asn	Ser	Thr 100	Tyr	Arg	Val	Val	Ser 105	Val	Leu	Thr	Val	Leu 110	His	Gln
Asp	Trp	Leu 115	Asn	Gly	Lys	Glu	Tyr 120	Lys	Cys	Lys	Val	Ser 125	Asn	Lys	Ala
Leu	Pro 130	Ala	Pro	Ile	Glu	Lys 135	Thr	Ile	Ser	Lys	Ala 140	Lys	Gly	Gln	Pro
Arg 145	Glu	Pro	Gln	Val	Tyr 150	Thr	Leu	Pro	Pro	Ser 155	Arg	Asp	Glu	Leu	Thr 160
Lys	Asn	Gln	Val	Ser 165	Leu	Thr	Суз	Leu	Val 170	Lys	Gly	Phe	Tyr	Pro 175	Ser
Asp	Ile	Ala	Val 180	Glu	Trp	Glu	Ser	Asn 185	Gly	Gln	Pro	Glu	Asn 190	Asn	Tyr
Lys	Thr	Thr 195	Pro	Pro	Val	Leu	Asp 200	Ser	Asp	Gly	Ser	Phe 205	Phe	Leu	Tyr
Ser	Lys 210	Leu	Thr	Val	Asp	Lys 215	Ser	Arg	Trp	Gln	Gln 220	Gly	Asn	Val	Phe
Ser 225	Cys	Ser	Val	Met	His 230	Glu	Ala	Leu	His	Asn 235	His	Tyr	Thr	Gln	Lys 240
Ser	Leu	Ser	Leu	Ser	Pro	Gly	Lys								

PCT/US99/25044

WO 00/24782 <210> 1063 <211> 773 <212> DNA <213> Artificial Sequence <223> Description of Artificial Sequence:Fc-VEGF ANTAGONIST <220> <221> CDS <222> (4)..(759) <400> 1063 cat atg gac aaa act cac aca tgt cca ccg tgc cca gca cct gaa ctc Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu ctg ggg gga ccg tca gtt ttc ctc ttc ccc cca aaa ccc aag gac acc 96 Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr 20 25 ctc atg atc tcc cgg acc cct gag gtc aca tgc gtg gtg gtg gac gtg Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val 35 40 age cae gaa gae cet gag gte aag tte aac tgg tae gtg gae gge gtg Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val 50 55 gag gtg cat aat gcc aag aca aag ccg cgg gag gag cag tac aac agc Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser 65 70 acg tac cgt gtg gtc agc gtc ctc acc gtc ctg cac cag gac tgg Ctg 288 Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu 90 80 85 aat ggc aag gag tac aag tgc aag gtc tcc aac aaa gcc ctc cca gcc 336

Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala 100 105 110 ccc atc gag aaa acc atc tcc aaa gcc aaa ggg cag ccc cga gaa cca 384

Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro 115 120

cag gtg tac acc ctg ccc cca tcc cgg gat gag ctg acc aag aac cag 432 Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln

130 135 140 gtc agc ctg acc tgc ctg gtc aaa ggc ttc tat ccc agc gac atc gcc 480 Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala 150 gtg gag tgg gag agc aat ggg cag ccg gag aac aac tac aag acc acg 528 Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr 160 165 170 175 cct ccc gtg ctg gac tcc gac ggc tcc ttc ttc ctc tac agc aag ctc Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu 180 185 acc gtg gac aag agc agg tgg cag cag ggg aac gtc ttc tca tgc tcc 624 Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser 195 200 205 gtg atg cat gag gct ctg cac aac cac tac acg cag aag agc ctc tcc 672 Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser 210 215 220 ctg tct ccg ggt aaa ggt ggt ggt ggt ggt gtt gaa ccg aac tgt gac. 720 Leu Ser Pro Gly Lys Gly Gly Gly Gly Val Glu Pro Asn Cys Asp 225 230 atc cat gtt atg tgg gaa tgg gaa tgt ttt gaa cgt ctg taactcgagg 769 Ile His Val Met Trp Glu Trp Glu Cys Phe Glu Arg Leu 240 245 773 atcc <210> 1064 <211> 252 <212> PRT <213> Artificial Sequence <223> Description of Artificial Sequence:Fc-VEGF

ANTAGONIST

<400> 1064

Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 10

Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu -- 20 30 . .... . 25

Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser

35	40	

His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu 50 55 60

45

Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr 65 70 75 80

Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn 85 90 95

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro 100 105 110

Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln 115 120 125

Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val 130 135 140

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val 145 150 155 160

Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro 165 170 175

Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr 180 185 190

Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val 195 200 205

Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu 210 220

Ser Pro Gly Lys Gly Gly Gly Gly Gly Val Glu Pro Asn Cys Asp Ile 225 230 235 240

His Val Met Trp Glu Trp Glu Cys Phe Glu Arg Leu 245 250

<210> 1065

<211> 773

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:VEGF ANTAGONIST
Fc

<220>

<221> CDS

<222> (4)..(759)

<400> 1065

cat atg gtt gaa ccg aac tgt gac atc cat gtt atg tgg gaa tgg gaa 48

Met Val Glu Pro Asn Cys Asp Ile His Val Met Trp Glu Trp Glu

1 5 10 15

tgt ttt gaa cgt ctg ggt ggt ggt ggt ggt gac aaa act cac aca tgt 96
Cys Phe Glu Arg Leu Gly Gly Gly Gly Gly Asp Lys Thr His Thr Cys
20 25 30

cca ccg tgc cca gca cct gaa ctc ctg ggg gga ccg tca gtt ttc ctc 144
Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu
35 40 45

ttc ccc cca aaa ccc aag gac acc ctc atg atc tcc cgg acc cct gag 192
Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu
50 55 60

gtc aca tgc gtg gtg gtg gac gtg agc cac gaa gac cct gag gtc aag 240
Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys
65 70 75

ttc aac tgg tac gtg gac ggc gtg gag gtg cat aat gcc aag aca aag

Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys

80 85 90 95

ccg cgg gag gag cag tac aac agc acg tac cgt gtg gtc agc gtc ctc 336
Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu
100 105 110

acc gtc ctg cac cag gac tgg ctg aat ggc aag gag tac aag tgc aag
Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys
115 120 125

gtc tcc aac aaa gcc ctc cca gcc ccc atc gag aaa acc atc tcc aaa 432 Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys 130 135 140

gcc aaa ggg cag ccc cga gaa cca cag gtg tac acc ctg ccc cca tcc 480
Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser

145 150 155

		gtc agc ctg acc tgc Val Ser Leu Thr Cys 170	
	• •	gtg gag tgg gag agc Val Glu Trp Glu Ser 185	•
·	Tyr Lys Thr Thr	cct ccc gtg ctg gac Pro Pro Val Leu Asp 200	
	= '	acc gtg gac aag agc Thr Val Asp Lys Ser 220	
		gtg atg cat gag gct Val Met His Glu Ala 235	
		ctg tct ccg ggt aaa Leu Ser Pro Gly Lys 250	taactcgagg 769
atcc			773
<210> 1066 <211> 252 <212> PRT <213> Artificia <223> Descripti		Sequence:VEGF ANTAG	ONIST
<211> 252 <212> PRT <213> Artificia		Sequence:VEGF ANTAG	ONIST
<211> 252 <212> PRT <213> Artificia <223> Descripti Fc <400> 1066	on of Artificial	Sequence: VEGF ANTAG His Val Met Trp Glu 10	
<211> 252 <212> PRT <213> Artificia <223> Descripti Fc <400> 1066 Met Val Glu Pro 1	On of Artificial  Asn Cys Asp Ile  5  Gly Gly Gly Gly	His Val Met Trp Glu	Trp Glu Cys 15
<211> 252 <212> PRT <213> Artificia <223> Descripti Fc <400> 1066 Met Val Glu Pro 1 Phe Glu Arg Leu 20	on of Artificial  Asn Cys Asp Ile  5  Gly Gly Gly Gly	His Val Met Trp Glu 10 Gly Asp Lys Thr His	Trp Glu Cys 15 Thr Cys Pro 30

Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe 70 Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro 85 90 Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr 100 105 Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val 115 120 Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala 135 Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg 150 155 145 Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly 165 170 Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro 185 180 Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser 205 195 200 Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln 210 215 220 Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His 225 230 235

Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys 245 250

<210> 1067

<211> 748

<212> DNA

<213> Artificial Sequence

<220>

<220>

<221> CDS <222> (4)..(732)

<400> 1067 cat atg gac aaa act cac aca tgt cca cct tgt cca gct ccg gaa ctc Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu 10 ctg ggg gga ccg tca gtc ttc ctc ttc ccc cca aaa ccc aag gac acc Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr ctc atg atc tcc cgg acc cct gag gtc aca tgc gtg gtg gtg gac gtg Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val 40 35 age cae gaa gae cet gag gte aag tte aac tgg tae gtg gae gge gtg Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val 50 55 gag gtg cat aat gcc aag aca aag ccg cgg gag gag cag tac aac agc 240 Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser 70 acg tac cgt gtg gtc agc gtc ctc acc gtc ctg cac cag gac tgg ctg 288 Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu 90 80 aat ggc aag gag tac aag tgc aag gtc tcc aac aaa gcc ctc cca gcc Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala 105 100 ccc atc gag aaa acc atc tcc aaa gcc aaa ggg cag ccc cga gaa cca 384 Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro 115 120 cag gtg tac acc ctg ccc cca tcc cgg gat gag ctg acc aag aac cag Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln 130 135 480 gtc agc ctg acc tgc ctg gtc aaa ggc ttc tat ccc agc gac atc gcc Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala 150 145 gtg gag tgg gag agc aat ggg cag ccg gag aac aac tac aag acc acg 528 Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr 175 170 160 165

PIO		gtg Val											_	-		576
		gac Asp	_	-			_	_			-			-		624
		cat His 210								-		_	-		-	672
-		ccg Pro								_						720
		ctg Leu	•	taat	:ggat	tcc (	ctcga	ag								748
<210	)> 10	068											·	·		
<211	L> 24	13							•							
<212	?> PI	የጥ														
																•
		tifi	.cia1	. Sec	ueno	:e										•
<213	3> A1 3> De		ptic		_		ial	Sequ	ience	e:Fc	ммр					
<213 <223	3> A1 3> De	rtifi escri WHIBI	ptic		_		cial:	Sequ	ience	e:Fc	ммр					
<213 <223	3> A: 3> De II 0> 10	rtifi escri WHIBI	ptic TOR	on of	Art	ific						Pro	Glu	Leu 15	Leu	
<213 <223 <400 Met	3> A: 3> De II 0> 1( Asp	rtifi escri NHIBI 068	ptic TOR Thr	n of His	Art	Cys	Pro	Pro	Cys 10	Pro	Ala			15		
<213 <223 <400 Met 1 Gly	3> A: 3> D: II 0> 1( Asp	rtifi escri NHIBI 068 Lys	Thr Ser	His 5 Val	Thr Phe	Cys Leu	Pro Phe	Pro Pro 25	Cys 10 Pro	Pro Lys	Ala Pro	Ŀys	Asp 30	15 Thr	Leu	
<213 <223 <400 Met  1 Gly Met	3> And Shap Shap Shap Shap Shap Shap Shap Shap	rtifi escri NHIBI 068 Lys Pro	Thr Ser 20	His 5 Val	Thr Phe	Cys Leu Glu	Pro Phe Val 40	Pro Pro 25 Thr	Cys 10 Pro Cys	Pro Lys Val	Ala Pro Val	Lys Val 45	Asp 30 Asp	15 Thr Val	Leu Ser	
<213 <223 <400 Met  1 Gly Met	3> And Shap Shap Shap Shap Shap Shap Shap Shap	rtifi escri NHIBI 068 Lys Pro Ser 35	Thr Ser 20 Arg	His 5 Val Thr	Thr Phe Pro	Cys Leu Glu Lys 55	Pro Phe Val 40	Pro 25 Thr	Cys 10 Pro Cys	Pro Lys Val	Ala Pro Val Val 60	Lys Val 45 Asp	Asp 30 Asp Gly	15 Thr Val	Leu Ser Glu	

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro

110

100 105

Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln
115 120 125

Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val 130 135 140

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val 145 150 155 160

Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro 165 170 175

Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr 180 185 190

Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
195 200 205

Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu 210 215 220

Ser Pro Gly Lys Gly Gly Gly Gly Cys Thr Thr His Trp Gly Phe 225 230 235 240

Thr Leu Cys

<210> 1069

<211> 763

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:MMP INHIBITOR
Fc

<220>

<221> CDS

<222> (4)..(753)

<400> 1069

cat atg tgc acc acc cac tgg ggt ttc acc ctg tgc ggt gga ggc ggt 4 Met Cys Thr Thr His Trp Gly Phe Thr Leu Cys Gly Gly Gl $\bar{y}$  1 5 10 15

		aaa														96
Gly	Asp	Lys	GIĀ	20 G13	GIĀ	GIĀ	GIĀ	Asp	டழ்த் 25	THE	urs	THE	Cys	30	PIO	
				20				•					÷			
tgc	cca	gca	cct	gaa	ctc	ctg	ggg	gga	ccg	tca	gtt	ttc	ctc	ttc	ccc	144
Cys	Pro	Ala	Pro	Glu	Leu	Leu	Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	
			35					40					45			
																100
		ccc														192
Pro	Lys	Pro	Lys	Asp	Thr	Leu		He	ser	Arg	THE	60	GIU	vai	THE	
		50					55					00				
tac	ata	gtg	ata	gac	gtg	agc	cac	gaa	gac	cct	gag	gtc	aag	ttc	aac	240
		Val														
	65					70					75					
		gtg														288
	Tyr	Val	Asp	Gly		Glu	Val	His	Asn		гља	Thr	гĀЗ	PIO	Arg 95	
80					85					90					33	
gag	gag	cag	tac	aac	agc	acg	tac	cgt	gtg	gtc	agc	gtc	ctc	acc	gtc	336
		Gln														
				100					105					110		
																204
		cag														384
Leu	His	Gln		Trp	Leu	Asn	Gly		Glu	Tyr	Lys	Cys		vaı	ser	
			115					120			,		125			
aac	aaa	gcc	ctc	cca	qcc	ccc	atc	gag	aaa	acc	atc	tcc	aaa	gcc	aaa	432
		Ala														
	-	130					135					140				
																400
		ccc														480
Gly		Pro	Arg	Glu	Pro		Val	Tyr	Thr	Leu		Pro	ser	Arg	ASP	
•	145					150					155					
gag	cta	acc	ааσ	aac	cag	atc	agc	cta	acc	tgc	ctg	gtc	aaa	ggc	ttc	528
		Thr														
160			-		165					170					175	
									•							
		agc														576
Tyr	Pro	Ser	Asp		Ala	Val	Glu	Trp		Ser	Asn	Gly	Gln		Glu	
				180					185					190		
		tac				aa+	acc	a+~	c+a	as a	tcc	gac	aac	tcc	ttc	624
aac	aac	tac	aag	acc	acg	CCE	CCC	gug	CLY	gau	_	-	777			
Aan	Δαπ	مددكيل	T.370	ጥኮ~	ጥኮጉ	Pro	Pro	Va l	Leu	Asp	Ser	Asp	Gly	ser	Pne	

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ttc ctc tac agc aag ctc acc gtg gac aag agc agg tgg cag cag ggg Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly 215 220 210 aac gtc ttc tca tgc tcc gtg atg cat gag gct ctg cac aac cac tac 720 Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr 225 763 acg cag aag agc ctc tcc ctg tct ccg ggt aaa taatggatcc Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys 250 240 245 <210> 1070 <211> 250 <212> PRT <213> Artificial Sequence <223> Description of Artificial Sequence: MMP INHIBITOR <400> 1070 Met Cys Thr Thr His Trp Gly Phe Thr Leu Cys Gly Gly Gly Gly Gly 1 Asp Lys Gly Gly Gly Gly Asp Lys Thr His Thr Cys Pro Pro Cys 25 20 Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro 40 Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys 55 Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp 75 70· 65 Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu 90 85

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn 120 125 115

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu 105

100

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly 140 135

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu 145 150 155 160

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr 165 170 175

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn 180 185 190

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe 195 200 205

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn 210 215 220

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr 225 230 235 240

Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys 245 250

<210> 1071

<211> 13

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<220>

<223> Description of Artificial Sequence: INTEGRIN BINDING PEPTIDE

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<210> 1072

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: INTEGRIN BINDING PEPTIDE

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Cys Asn Gly Arg Cys
1 5
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<210> 1076

<211> 9

<212> PRT

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<223> Description of Artificial Sequence: INTEGRIN BINDING PEPTIDE

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<210> 1077

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: INTEGRIN BINDING PEPTIDE

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<210> 1078

<211> 8

<212> PRT

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Arg Thr Asp Leu Asp Ser Leu Arg

PCT/US99/25044

WO 00/24782

1 5

<210> 1079

<211> 12

<212> PRT

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1 5 10

<210> 1080

<211> 12

<212> PRT

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<211> 12

<212> PRT

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<400> 1085

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<210> 1086

<211> 18

<212> PRT

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<223> Description of Artificial Sequence: VEGF ANTAGONIST PEPTIDE

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Glu Ser

<210> 1087

<211> 20

<212> PRT

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<223> Description of Artificial Sequence: VEGF ANTAGONIST PEPTIDE

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Thr Glu Ala Gln

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<223> Description of Artificial Sequence:BETA-2 GP1AB BINDING PROTEIN

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<210> 1103

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<210> 1104

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<210> 1105

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<223> Description of Artificial Sequence:BETA-2 GP1AB BINDING PEPTIDE

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<210> 1106

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1 5

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<211> 14

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Pro Arg Ile His Tyr Gly Arg Pro Arg Glu Val Phe Leu
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Gly Arg Lys Ser Pro Pro Pro Pro Pro Leu Pro
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                                 25
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<211> 12 <212> PRT

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431

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